WHAT IS CLAIMED IS:

1. A database system comprising:

    . a plurality of database servers each of which includes
5   a database from which the same content can be searched and
    retrieved in response to a query;

    a front-end server that receives said query from a
    client terminal, and that poses said query to any of said
    database servers according to at least one predetermined
10 rule;

    a management server that manages said rule with a rule
    management unit to be used by said front-end server wherein
    said servers and client terminals that issue a query are
    interconnected; and

15   said management server further comprising:

    a log acquisition unit for acquiring a processed query
    log relevant to each database server;

    and a rule production unit for producing said rule
    according to a compatibility value of a query calculated
20 using the acquired query log in a compatibility calculation
    unit; and

said front-end server further comprising a query posing unit that uses the rule produced by said management server to pose the query.

2.   A management server comprising:

5   a log acquiring unit for acquiring a processed query log relevant to each of a plurality of database servers;

a rule production unit for producing a rule according to the compatibility value of a query calculated using the acquired processed query log; and

10   a rule transmitting unit for transmitting the produced rule to said front-end server so that said front-end server can pose the query according to the produced rule wherein:

the management server is structured to manage the

15   rules to be used by said front-end server which poses the query to at least one of said plurality of database servers and wherein;

each of said database servers includes a searchable database from which the same content can be retrieved, in

20   response to said query according to said rule.

3.   A management server according to Claim 2, wherein said rule production unit statistically processes a processed

query listed in the acquired processed query log, and calculates the compatibility value of the processed query so as to produce a rule.

5   4.   A management server according to Claim 3, wherein:

said rule production unit groups said processed queries listed in said processed query log into at least one group sorted by at least one shared criteria of the processed queries relevant to each database server; and

10   .   based on a result of a comparison between a first average of all processing times required for said processed queries classified into said group and a second average of processing times required to process a selected processed query classified into said group while maintaining a

15   predetermined temporal relationship with another selected processed query classified into a second group, said rule production unit calculates the compatibility value between the queries to produce a rule.

5.   A management server according to Claim 2, wherein based

20   on a result of a comparison between a first processing time required for a first processed query listed in a first processed query log stored in a database and a second . processing time required for a second processed query listed in a second processed query log stored in another database,

said rule production unit calculates the compatibility value between the queries and the databases to produce a rule.

5   6.   A management server according to Claim 2, wherein based on a result of a comparison between an average of processing times required to process a first query issued by a first user and an average of processing times required to process the first query issued by the first user while maintaining

10   a predetermined temporal relationship with a second query issued by a second user, said rule production unit calculates the compatibility value between the first and second queries of the first and second users, so as to produce a rule.

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7.   A management server according to Claim 2, further comprising a rule changing unit for changing a rule produced by said rule production unit.

20   8.   A management server according to Claim 7, further comprising an external access unit for permitting external access over a network, wherein said rule changing unit changes a rule via said external access unit.

9. A management server according to Claim 2, wherein:

said log acquiring unit acquires the processed query log listing a query posed based on the rule transmitted by said rule transmitting unit; and

said rule production unit produces a second rule according to the compatibility value of the query, wherein the second rule is calculated using the acquired processed query log and thus the management server autonomously creates a new rule.

10. A query posing method implemented in a database system comprising a plurality of database servers each of which includes a database from which the same content can be retrieved and which searches the database in response to a query request;

a front-end server that receives the query request and poses a query to at least one of said database servers according to a predetermined rule method wherein the rule method comprises:

acquiring in a management server a processed query log relevant to said database servers,

calculating a query compatibility value in said management server by using said processed query log;

producing a rule according to said compatibility value; and

controlling said front end server by said management server wherein said front-end server uses the rule produced by said management server to selectively pose said query to a selected most compatible database server from said database servers according to said rule.

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11. A query posing method according to Claim 10, further comprising:

statistically processing said acquired processed query log and said query in order to calculate said compatibility value of said query when producing said rule.

12. A query posing method according to Claim 11, wherein:

before the calculating step;

grouping queries listed in said processed query log relevant to each of said database servers; and

comparing based on the result of a comparison between a first average of processing times required for a first

query classified into a group and a second average of processing times required to process said first query classified into the group while maintaining a predetermined temporal relationship with a second query classified into

5   a second group, and then

calculating the compatibility value between the queries.

13.   A query posing method according to Claim 10, further

10   comprising:

statistically processing a query listed in said processed query log in order to calculate the compatibility value between the query and said database servers so as to produce a rule.

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14.   A query posing method according to Claim 10, further comprising:

statistically processing a query listed in said processed query log in order to calculate the compatibility value

20   between users, who issue a query, so as to produce a rule.

15.   A query posing method according to Claim 10, further comprising:

excluding, if said selected most compatible database server compatible with said query is not found, an incompatible database server incompatible with the query from said database servers to which the query can be posed, and

selecting a database server to which the query is posed in terms of probability of compatibility with said query.

16. A query posing method according to Claim 10, further comprising;

when said selected most compatible database server is not found, determining a previously used database server that has immediately previously processed a query compatible with the query is selected, and

posing the query to the previously used database server.

17. A query posing method according to Claim 10, further comprising:

producing said rule based on the compatibility value of the query calculated using the acquired log, and wherein previously transmitted rules are reviewed and a new rule is

autonomously produced based on the performance of past rules.

18. A data updating method for updating data preserved in a management server that manages rules to be used by a front-end server which poses a query to any of a plurality of database servers, each of which searches a database from which the same content can be retrieved, in response to a query request according to a predetermined rule, said data updating method comprising:

accessing said management server externally over a network;

acquiring a rule preserved in said management server;

producing an analysis report according to said rule; and

changing said rule preserved in said management server according to said analysis report.

19. A data updating method according to Claim 18, further comprising:

detecting an impeding rule that impedes the operation of at least one of said database servers based on said analysis report,

changing the impeding rule to improve operation of said at least one of said database servers.

20. A database system as in claim 1 wherein:

5   said database servers are connected in a parallel or distributed environment.